



Atty. Docket No.: 25436/2412

IFW
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Gurtu
Serial No.: 10/815,337
Filed: April 1, 2004
Entitled: *Renilla* GFP Mutants with Increased
Fluorescent Intensity and Spectral Shift

Examiner: Not Yet Assigned
Group Art Unit: 1645
Conf. No.: 8486

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Nancy Arsenault

Name of Person Mailing Paper


Signature of Person Mailing Paper

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Supplemental Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A listing of the cited documents, as well as, for the Examiner's convenience, copies of all foreign patent documents and non-patent literature are enclosed. This application was filed after June 30, 2003, and copies of U.S. patents and U.S. patent applications are not required and are not enclosed.

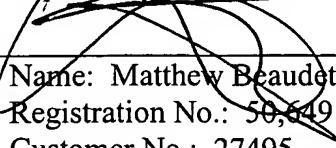
Pursuant to CFR § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Respectfully submitted,

Date: 11/2/04


Name: Matthew Beaudet
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111 Huntington Avenue
Boston, MA 02199-7613
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Atty. Docket No.: 25436/2412 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Gurtu	Examiner:	Not Yet Assigned
Serial No.:	10/815,337	Group Art Unit:	1645
Filed:	April 1, 2004	Conf. No.:	8486
Entitled:	Renilla GFP Mutants with Increased Fluorescent Intensity and Spectral Shift		

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Nancy Arsenault

Name of Person Mailing Paper
Nancy Arsenault

Signature of Person Mailing Paper

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449;
3. Copies of Cited References; and
4. Return Post Card.

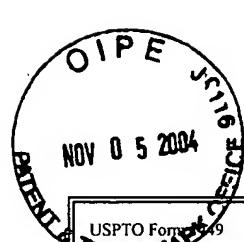
The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 25436/2412. A duplicate of this transmittal letter is enclosed for this purpose.

Date: 11/2/04

Respectfully submitted,

Matthew Beaudet

Name: Matthew Beaudet
Registration No.: 50,649
Customer No.: 27495
Palmer & Dodge LLP
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Boston, MA 02199-7613
Tel: 617-239-0100



USPTO Form 149 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT				Attorney Docket No.		Serial No.		
				25436/2412		10/815,337		
				Applicant(s): Gurtu				
				Filing Date: April 1, 2004		Group: 1645		
U.S. PATENT DOCUMENTS								
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)	
	1.	5,874,304	Feb. 23, 1999	Zolotukhin, et al.	435	366		
	2.	5,968,738	Oct. 19, 1999	Anderson, et al.	435	6		
	3.	5,804,387	Sep. 8, 1998	Cormack, et al.	435	6		
	4.	5,625,048	Apr. 29, 1997	Tsien, et al.	536	23.4		
	5.	5,777,079	Jul. 7, 1998	Tsien, et al.	530	350		
	6.	6,232,107	May 15, 2001	Bryan, et al.	435	189		
FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation	
							YES	NO
	7.	WO 01/64843 A1	7 Sept. 2001	PCT	C12N	1/36		
	8.	WO 01/68824 A2	20 Sept. 2001	PCT	C12N	9/02		
	9.	WO 97/11094	27 March 1997	PCT	C07K	14/435		
	10.	WO 98/06737	19 Feb. 1998	PCT	C07H	21/04		
	11.	WO 97/20078	5 June 1997	PCT	C12Q	1/68		
	12.	WO 97/42320	13 Nov. 1997	PCT	C12N	15/12		
	13.	WO 98/21355	22 May 1998	PCT	C12P	21/06		
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)								
	14.	Chalfie, et al.; "Green Fluorescent Protein as a Marker for Gene Expression"; (1994); <u>Science</u> ; 263: 802-805.						
	15.	Tsien; "The Green Fluorescent Protein"; (1998); <u>Annu. Rev. Biochem.</u> ; 67: 509-544.						
	16.	Ward; "Energy Transfer Processes in Bioluminescence"; (1979); <u>Photochem. Photobiol. Rev.</u> ; 4: 1-57.						
	17.	Ward, et al.; "Spectral Perturbations of the Aequorea Green-Fluorescent Protein"; (1982); <u>Photochem. Photobiol.</u> ; 35: 803-808.						
	18.	Heim, et al., "Improved Green Fluorescence"; (1995); <u>Nature</u> ; 373: 663-664.						
EXAMINER						DATE CONSIDERED		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.								
**Copies of references not provided at the time of this submission.								

USPTO Form 1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No.		Serial No.	
				25436/2412		10/815,337	
INFORMATION DISCLOSURE STATEMENT				Applicant(s): Gurtu			
				Filing Date: April 1, 2004 Group: 1645			
U.S. PATENT DOCUMENTS							
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation
							YES
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)							
	19.	Chalfie; "Green Fluorescent Protein"; (1995); <u>Photochemistry and Photobiology</u> ; 62(4): 651-656.					
	20.	Ehrig, et al.; "Green-fluorescent protein mutants with altered fluorescence excitation spectra"; (1995); <u>FEBS Lett.</u> ; 367: 163-166.					
	21.	Surpin, et al.; "Development of Monoclonal Antibodies to Aequorea Green-Fluorescent Protein and their Cross Reaction with Renilla Green-Fluorescent Protein"; (1987); <u>Photochem. Photobiol.</u> ; 45(Supp.): 95S.					
	22.	Delagrave, et al.; "Red-Shifted Excitation Mutants of the Green Fluorescent Protein"; (1995); <u>Biotechnology</u> ; 13: 151-154.					
	23.	Yang, et al.; "Dual color microscopic imagery of cells expressing the green fluorescent protein and a red-shifted variant"; (1996); <u>Gene</u> ; 173: 19-23.					
	24.	Ward and Cormier; "An Energy Transfer Protein in Coelenterate Bioluminescence"; (1979); <u>J. Bio. Chem.</u> ; 254(3): 781-788.					
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							
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